

U.S. Serial No. 10/691,446
Response to Office Action
Mailed August 22, 2005

Page 2 of 5

In the Claims:

Please cancel without prejudice claims 4-9 from further consideration herein. Applicants reserve the right to pursue the cancelled subject matter directed to a non-elected invention by way of a continuing or divisional application.

Please amend claims 1, 2, and 10 as follows. A complete listing of all pending claims, and their status, is included.

1. (Amended) A vibration isolator assembly comprising:
 - a housing;
 - an isolator connected to the housing for limiting the transmission of vibrations thereto;
 - a shaft assembly including first and second mating components, the first component connected to the isolator and forming a cavity of a first dimension for receiving the second component having a second dimension slightly greater than the first dimension for altering stress characteristics of the isolator assembly, wherein the second component has an "I" contour which limits relative movement of the first and second components of the shaft assembly; and
 - a thin layer of material interposed between the first and second components of the shaft assembly.
2. (Original) The invention of claim 1 wherein the thin layer of material is an elastomer provided on one of the first and second components of the shaft assembly.
3. (Original) The invention of claim 2 wherein the thin layer of elastomer is provided on the first component of the shaft assembly.
4. (Original) The invention in claim 3 wherein the thin layer of elastomer is provided on an inner surface of the first component.

U.S. Serial No. 10/691,446
Response to Office Action
Mailed August 22, 2005

Page 3 of 5

5. (Original) The invention of claim 4 wherein the second component is contoured for receipt in the cavity of the first component along the surfaces of first and second portions of the first component.

6. (Cancelled)

7. (Original) The invention of claim 1 wherein the thin layer of material is provided on the first component of the shaft assembly.

8. (Original) The invention of claim 1 wherein the isolator is an elastomer.

9. (Original) The invention of claim 1 wherein the housing is metal.

10. (Original) The invention of claim 1 wherein the housing is a non-metallic material.

11. (Original) The invention of claim 1 wherein the isolator is an elastomer that is molded to the housing and the first component of the shaft assembly.

12. (Original) The invention of claim 1 wherein the first component is contoured for slidale receipt of the second component.

13. (Original) The invention of claim 1 wherein the second dimension of the second component is preselected to relieve tensile stress in the isolator.

14. (Original) The invention of claim 1 wherein the second dimension of the second component is preselected to impart compressive stress to the isolator.

15. (Amended) A vibration isolator assembly comprising:

U.S. Serial No. 10/691,446
Response to Office Action
Mailed August 22, 2005

Page 4 of 5

a housing;

an elastomer isolator connected to the housing for limiting the transmission of vibrations thereto; and

a shaft assembly that is adapted for exposure to vibration forces, the shaft assembly including first and second mating components, the first component connected to the isolator and forming a cavity of a first dimension for receiving the second component having a second dimension slightly greater than the first dimension for altering stress characteristics of the isolator assembly, the cavity including a thin layer of elastomer interposed between the first and second components of the shaft assembly, wherein the first and second components of the shaft assembly include keyed contours for limiting relative movement of the first and second components of the shaft assembly in directions other than a direction of the split between the first and second components.

16. (Original) The invention of claim 15 wherein the first component is contoured for slidable receipt of the second component of the shaft assembly.

17. (Original) The invention of claim 16 wherein the first component of the shaft assembly is a split member having first and second surfaces disposed in facing relation.

18. (Original) The invention of claim 17 wherein the second component is contoured for receipt in the cavity of the first component along the split, first and second surfaces of the first component.

19. (Cancelled)

20. (Cancelled)